

ABSTRACT

A wound electrode group (1, 30, 33) is composed of an electrode stack (7) that is formed by laminating a strip of positive electrode plate (2), a strip of negative electrode plate (3), and a pair of separators (4A, 4B) interposed therebetween. When the electrode stack (7) is wound around, a difference L in length between an inner turn and an adjacent outer turn satisfies $L = 2t\pi + (W \times k)$, where t is a thickness of the electrode stack (7), W is a maximum diameter of a cross section of the wound electrode group (1, 30, 33), and k is a coefficient that is preset in accordance with expansion coefficients of active materials of the positive and negative electrode plates (2, 3) within a range of from 0.005 to 0.05.